

10/502,235



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/502,235

DATE: 07/29/2004
TIME: 16:13:52

Input Set : A:\Seqlist.txt
Output Set: N:\CRF4\07292004\J502235.raw

4 <110> APPLICANT: KISIELOW, Malgorzata Anna
5 KLEINER, Sandra
6 NAGAMINE, Yoshikuni
8 <120> TITLE OF INVENTION: METHODS OF OBTAINING ISOFORM SPECIFIC
9 EXPRESSION IN MAMMALIAN CELLS
12 <130> FILE REFERENCE: 1-32330A/FMI
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/502,235
C--> 14 <141> CURRENT FILING DATE: 2004-07-22
14 <150> PRIOR APPLICATION NUMBER: GB 0201477.7
15 <151> PRIOR FILING DATE: 2002-01-23
17 <150> PRIOR APPLICATION NUMBER: PCT/EP03/00611
18 <151> PRIOR FILING DATE: 2003-01-22
20 <160> NUMBER OF SEQ ID NOS: 16
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 21
26 <212> TYPE: RNA
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: oligoribonucleotide pair used as siRNA; h/m-shc
31 sirNA from nt 677-697 (in the PTB domain)
33 <400> SEQUENCE: 1
34 cuacuugguu cgguacaugg g 21
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 22
38 <212> TYPE: RNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: oligoribonucleotide pair used as siRNA; h/m-shc
43 sirNA from nt 677-697 (in the PTB domain)
45 <400> SEQUENCE: 2
46 cauguaccga acccaaguag ga 22
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 21
50 <212> TYPE: RNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: oligonucleotide pair used for siRNA; h/m-shc
55 sirNA, p66-shc siRNA (from nt 236-256 in the CH2
56 domain)
58 <400> SEQUENCE: 3
59 gaaugagucu cugucaucgu c 21
61 <210> SEQ ID NO: 4

ENTERED

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62 <211> LENGTH: 21
 63 <212> TYPE: RNA
 64 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:
 67 <223> OTHER INFORMATION: oligonucleotide pair used in siRNA; h/m-shc siRNA,
 68 p66-shc siRNA (from nt 236-256 in the CH2 domain)
 70 <400> SEQUENCE: 4
 71 cgaugacaga gacucauucc g 21
 73 <210> SEQ ID NO: 5
 74 <211> LENGTH: 30
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Mus musculus
 78 <220> FEATURE:
 79 <221> NAME/KEY: primer_bind
 80 <222> LOCATION: (1)...(30)
 81 <223> OTHER INFORMATION: sense primer for mouse p46 ShcA cDNA
 83 <400> SEQUENCE: 5
 84 cggaaattcat gggacctggg gtttcctact 30
 86 <210> SEQ ID NO: 6
 87 <211> LENGTH: 30
 88 <212> TYPE: DNA
 89 <213> ORGANISM: Mus musculus
 91 <220> FEATURE:
 92 <221> NAME/KEY: primer_bind
 93 <222> LOCATION: (1)...(30)
 94 <223> OTHER INFORMATION: sense primer for mouse p52 ShcA cDNA
 96 <400> SEQUENCE: 6
 97 cggaaattcat gaacaagctg agtggaggcg 30
 99 <210> SEQ ID NO: 7
 100 <211> LENGTH: 36
 101 <212> TYPE: DNA
 102 <213> ORGANISM: Mus musculus
 104 <220> FEATURE:
 105 <221> NAME/KEY: primer_bind
 106 <222> LOCATION: (1)...(36)
 107 <223> OTHER INFORMATION: sense primer for mouse p66 ShcA cDNA
 109 <400> SEQUENCE: 7
 110 cggaaattcat ggatcttcta cccccaagc cgaagt 36
 112 <210> SEQ ID NO: 8
 113 <211> LENGTH: 31
 114 <212> TYPE: DNA
 115 <213> ORGANISM: Mus musculus
 117 <220> FEATURE:
 118 <221> NAME/KEY: primer_bind
 119 <222> LOCATION: (1)...(31)
 120 <223> OTHER INFORMATION: common antisense primer for ShcA cDNAs
 122 <400> SEQUENCE: 8
 123 cggaaattcac actttccgat ccacgggttg c 31
 125 <210> SEQ ID NO: 9

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126 <211> LENGTH: 40
 127 <212> TYPE: DNA
 128 <213> ORGANISM: Artificial Sequence
 130 <220> FEATURE:
 131 <223> OTHER INFORMATION: overlapping oligonucleotide pair for insertion
 132 into the KpnI-EcoRI site of pcDNA3
 134 <400> SEQUENCE: 9
 135 cccaccatgg cttaccata cgatgttcca gattacgctg 40
 137 <210> SEQ ID NO: 10
 138 <211> LENGTH: 48
 139 <212> TYPE: DNA
 140 <213> ORGANISM: Artificial Sequence
 142 <220> FEATURE:
 143 <223> OTHER INFORMATION: overlapping oligonucleotide pair for insertion
 144 into the KpnI-EcoRI site of pcDNA3
 146 <400> SEQUENCE: 10
 147 aattcagcga attcttggaaac atcgtatggg taagccatgg tggggtagc 48
 149 <210> SEQ ID NO: 11
 150 <211> LENGTH: 27
 151 <212> TYPE: DNA
 152 <213> ORGANISM: Artificial Sequence
 154 <220> FEATURE:
 155 <223> OTHER INFORMATION: overlapping oligonucleotide pair used to mutate
 156 methionine 65 (start site for p52) to leucine in
 157 p66HA, resulting in p66HA-m1
 159 <400> SEQUENCE: 11
 160 ctcctccagg acctgaacaa gctgagt 27
 162 <210> SEQ ID NO: 12
 163 <211> LENGTH: 28
 164 <212> TYPE: DNA
 165 <213> ORGANISM: Artificial Sequence
 167 <220> FEATURE:
 168 <223> OTHER INFORMATION: overlapping oligonucleotide pair used to mutate
 169 methionine 65 (start site for p52) to leucine in
 170 p66HA, resulting in p66HA-m1
 172 <400> SEQUENCE: 12
 173 cactcagctt gttcagggtcc tggaggag 28
 175 <210> SEQ ID NO: 13
 176 <211> LENGTH: 27
 177 <212> TYPE: DNA
 178 <213> ORGANISM: Artificial Sequence
 180 <220> FEATURE:
 181 <223> OTHER INFORMATION: overlapping oligonucleotide pair used to mutate
 182 the initiation sites for p46 in both p66HA-m1 and
 183 p52HA, resulting in p66HA-ML and p52HA-ML
 185 <400> SEQUENCE: 13
 186 ccaacgacaa agtcctggga cccgggg 27
 188 <210> SEQ ID NO: 14
 189 <211> LENGTH: 27

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190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: overlapping oligonucleotide pair used to mutate
195 the initiation sites for p46 in both p66HA-m1 and
196 p52HA, resulting in p66HA-ML and p52HA-ML
198 <400> SEQUENCE: 14
199 ccccggttcc caggactttg tcgttgg 27
201 <210> SEQ ID NO: 15
202 <211> LENGTH: 34
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: overlapping oligonucleotide pair used to give
208 p46HA-sm, p52HA-ML-sm and p66HA-ML-sm
210 <400> SEQUENCE: 15
211 ggggtttcct acttgggtccg ctacatgggt tgtc 34
213 <210> SEQ ID NO: 16
214 <211> LENGTH: 34
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: overlapping oligonucleotide pair used to give
220 p46HA-sm, p52HA-ML-sm and p66HA-ML-sm
222 <400> SEQUENCE: 16
223 cacaacccat gtagcggacc aagtaggaaa cccc 34

VERIFICATION SUMMARY

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date